



International Association of Marine Science  
Libraries and Information Centers

# newsletter

Number Thirty-three  
December 1989

## FROM THE PRESIDENT

The first IAMSlic conference to be held offshore has come and gone! Bermuda was wonderful! We had an excellent turnout, larger than anticipated, with members from as far away as Goa and the Philippines, as well as Europe, the Mediterranean area, and North America. We were disappointed that members from the Caribbean, the Soviet Union and China who had been slated to give papers were unable to attend, but we have hopes they will come next year to Seattle.

We owe great thanks to our local arrangements people, Fran Chatterjee, Librarian at BBRS (who inherited the task midstream) and Susan Cook; for accommodations, bus tickets, meals, an excellent banquet and dinner speaker and a wonderful field trip. This was the first international conference ever held at the Station and they were as nervous as we were. We hope they will invite us back when they get their new building, with larger lecture hall, classrooms and meeting rooms.

We must also thank the International Oceanographic Commission for making funds available for two persons to attend. Thanks also to Robert Freeman of FAO without whose organizational skills we would not have had such an effective international session.

Our Keynote Speaker, Daniel T. Richards (National Library of Medicine) and the Panel on Collection Evaluation have given us insights on evaluating our holdings to ensure we are getting materials our patrons need and want through an effective expenditure of our resources. Some of the techniques are simple, readily used means of discovering which materials are used and with what frequency. Others are more sophisticated and require more time to apply.

The session on Fundraising was exciting to librarians whose organizations operate on private donations to a greater or lesser extent. Writing winning proposals to a granting agency, and demonstrating that the funds will fulfill the granting agency's goals are things more of us may need to do as our traditional sources of funds shrink. The techniques are also applicable to government funded libraries which must follow rigid planning documents and multi-year budgeting cycles.

(Continued on page two)

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1989/1990

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(FROM THE PRESIDENT ..... continued from page one)

Geographic Information Systems represent a new way of accessing information; allowing us to obtain maps, overlays, text, reports, pictures and tables for a single geographic area more quickly and to synthesize the information in new ways.

The International session had papers about new networks and developments in Europe, the Nordic countries, Greece, Southeast Asia, the Pacific Islands and Africa. It is gratifying to find how effective grass-roots efforts have been and continue to be in these areas.

The "Captain's Plate" covered such topics as a long distance information service, research in zoos and aquariums, global science, NOAA's new products, Compact Cambridge and retrieval strategies. Something for everyone, and very worthwhile.

The last session was on polar science information resources, highlighted by a wonderful slide show prepared and narrated by Janice Meadows of Scott Polar Research Institute who was unable to attend in body, but was certainly with us in spirit.

IAMSLIC is truly being recognized as an international marine science information network with expertise in a broad range of topics. The International Oceanographic Commission has sent a message asking to explore areas in which we can cooperate with them on international projects. We will receive an invitation to send an observer to their meeting in New York 17-24 January 1990. Kay Hale will be our observer if at all possible; Carol Winn has agreed to be backup if Kay is unable to go.

We have also asked for details on applying for non-government observer status on one of the UN bodies, but so far have not received them. This is an exciting area of potential cooperation for IAMSLIC.

Shortly after returning from Bermuda we received news the Document Delivery proposal would not be funded by the Department of Education. While this is a disappointment to us all, and particularly to the members of the Document Delivery Committee, we are not daunted. The Committee will continue to explore means to deliver documents to those who need them in a timely and cost-effective manner.

There has been a proposal to expand our numbers by actively recruiting members of the aquatic sciences community. This proposal, coupled with the possibilities of a different relationship with IOC/FAO etc. may have a considerable impact on IAMSLIC as a whole. A Working Group has been established to examine and analyze the potential impacts of these proposals on IAMSLIC and to present its findings early in the Spring of 1990, in time for inclusion in the Newsletter. The results of the analysis should lead to lively discussion among the members!

When I chose the theme "IAMSLIC at a Crossroads" for the 1989 Conference I did not realize how appropriate it would be for 1990! The Chinese curse - "May you live in interesting times" - may be very applicable.

Sharon Thomson

## OMNET TO BITNET CONNECTIONS

Until recently making a connection from Omnet to another network was quite complicated. Recently this has been made quite simple provided you know the exact ID to which you wish to send a message.

Follow this procedure when you wish to send a message from Omnet to another electronic mail system:

1. Sign on to Omnet in the usual way.
2. At the Command? prompt type **COMPOSE MANUAL** (enter)
3. You will now have on your screen the **AMMONOOSUC** Menu: Actions and Shortcuts 1.

In the first column there is a list of the various systems to which you can send a message and against each one is a number. To send a message to Bitnet you will see that the second item reads "Send an Internet (ARPAnet, Bitnet, or SPAN) message" and number 3 is against this message. So type "3" (enter) (no quotation marks needed). Then just follow the instructions entering the Bitnet ID as and when instructed and the message you wish to send at the appropriate time. You no longer have to remember and enter a very long string of brackets, slashes etc.

I regret to say that, as far as I know, this menu driven option is not available on other systems so to send a message back you will have to contact some system person to get the details you have to follow.

Eric Marshall  
Freshwater Institute Library  
Winnipeg, Canada.  
Omnet ID: E.MARSHALL

## Public-Access Computer Systems Forum on BITNET

The University Libraries and University Computing of the University of Houston have established a computer conference on BITNET called the Public-Access Computer Systems Forum. This conference addresses all computer systems that libraries make available to their patrons, including CD-ROM databases, computer-assisted instruction programs, expert systems, hypertext programs, library microcomputer facilities, locally-mounted databases, online catalogs, and remote end-user search systems. There is no charge for this service, which is available to anyone with an account on a computer which is connected to BITNET or to another network that is connected to BITNET. The Public-Access Computer Systems Forum is a BITNET list server whose network address is PACS- L@UHUPVM1. It is open for general subscription. To subscribe to PACS-L, send an e-mail message to **LISTSERV@UHUPVM1** containing the single line:

**SUBSCRIBE PACS-L your name**

Add your name at the end of the message, as shown. Do not send electronic mail to **PACS-L@UHUPVM1** asking to be added to the conference. If you have difficulty subscribing, contact Charles Bailey, Assistant Director for Systems at the University of Houston Libraries at **LIB3@UHUPVM1**.

# MODIFYING ASFA CD-ROM (VERSION 3) HELP FILE

## PART TWO

Peter Brueggeman

UCSD Scripps Institution of Oceanography Library

In the September 1988 IAMSILIC Newsletter, modification of the help file for version two of ASFA CD-ROM was addressed. The version three help file entitled CC.HLP can also be modified. CC.HLP differs from the version two help file (CCA.HLP); version three's displayed help is now context-sensitive depending on the current activity. The entire help file does not display when help is invoked. The version two help file was not context-sensitive; it displayed in its entirety whenever help was invoked.

The current CC.HLP file could use minor modification due to usage of medical terms in its examples; marine terms would be better for ASFA sites. To alter CC.HLP, the following tips worked at Scripps Library using TED, a public domain ASCII word processor available from PC MAGAZINE's PC MAGNET bulletin board service. You must edit CC.HLP with wordprocessing software capable of editing ASCII files; CC.HLP has extended ASCII characters which must remain unchanged. Edit a second copy of CC.HLP so that a backup is available. Be sure to try out the help system after editing to ensure that you did not interfere with its correct functioning. If the help system is malfunctioning, problems will show up when the ASFA CD-ROM search software is first loading. The two introductory screens (ASFA CD-ROM version number and the ASFA disclaimer) are located at the bottom of the CC.HLP file;

editing problems will affect those two screens. CC.HLP was edited in TED's "overtyping" mode with words being typed over what needed changing. No new text was inserted where none existed. Using the word processor's "insert" mode interfered with the correct display of CC.HLP.

CC.HLP is an ASCII file consisting of a series of help documents. Each help document is entitled with the title being preceded by a period and a percent sign. The help document entitled MENU\_HELP\_CODE displays during menu searching with an example for the term "lung"; the term "fish" was typed over "lung". The help document entitled TERM\_HELP\_CODE displays during menu searching. The phrase "trade winds" was substituted for "heart attack" and the term "fish" was substituted several times for "lung". In this same document, a left-hand truncation example is given for the term "PHOBIA". \*PLANKTON was substituted along with the terms ZOOPLANKTON, PHYTOPLANKTON, HOLOPLANKTON for the various listed phobias. The help document entitled MSG\_TITLE displays while the ASFA search software loads and lists Cambridge's CD-ROM products. This list of CD-ROMs was overtyped; the opening box now reads "Aquatic Sciences & Fisheries Abstracts (ASFA) draws its references from over 5000 journals and other source items. More references can be found on any topic by searching other databases."



### TAXONOMIC AUTHORITY LIST: AQUATIC SCIENCES AND FISHERIES INFORMATION SYSTEM

(ASFIS Reference Series No. 8)

by F. de Luca

Published by FAO (1989, 465  
pp, ISBN 92-5-102772-2, paper-  
back).

### POETRY FROM THE PROCEEDINGS EDITOR

*There was a librarian in the stacks,  
who wished to escape patron attacks,  
To a warm climate I need go,  
but, I haven't the dough  
On marine science I'll give a review,  
and the agency will pay the bill when due!  
So off to Bermuda he flew  
He basked, he played, and oh, gave a talk too  
But months later when asked to put in writing his speech,  
He replied - I am much too busy planning  
my next trip to the beach!*

\*\*\*\*\*

Papers received as of 10/6/89 15

Papers promised "next week" 12

Papers received as of 11/16/89 15

Papers promised "next week" 62

Bob Burkhart



## COMMITTEE ON INTERNATIONAL COOPERATION

### • CIC Membership Changes:

It was the sense of the IAMSILIC Executive (at the post-conference meeting in Bermuda) that the number of formal members of CIC should be reduced. A number of members' two-year terms expired at this meeting and as a consequence re-appointments have been made for only three members.

### • International Circle:

To respect the commitment of former CIC members and to serve the larger goals of CIC, I am proposing the formation of an "International Circle" which will function as a large & informal "interest group". The purpose of which will be to act as a clearinghouse, maintaining a mailing list and contacts among those interested in international cooperation. The Circle will be open to all IAMSILIC members with particular interest in international cooperation.

If you are interested in being a part of this interest group, please notify me & include name, address, phone #, e-mail address(es), fax #.

### • CIC membership for 1989-1990:

NAME	COUNTRY	EXPIRATION OF TERM
C. Boyle	Canada	(1991)*
E. Einarsson	Iceland	(1991)*
B. McConnell	Canada	(1991)
T. Moritz	United States	(1991)*
P. Simpson	Great Britain	(1990)
L. Temprosa	Phillipines	(1990)
C. Watts	United States	(1990)

\* Re-appointments

## PUBLICATIONS FROM THE SCRIPPS LIBRARY

The Scripps Library distributes a free bimonthly **newsletter/acquisitions list**. The newsletter section covers new information resources and software of interest to Scripps scientists including advice regarding usage; the acquisitions section covers new books, serials, and reference books.

The Library also distributes a free bimonthly **technical reports accessions list**. To receive them (please specify which), contact

Peter Brueggeman  
Scripps Institution of Oceanography Library, C075C  
UCSD  
La Jolla, CA 92093-0175.

## CLIMATOLOGICAL DATA ON WEATHER-DISC

A new compact disk product entitled World WeatherDisc has been released by *WeatherDisc Assoc*, 4584 NE 89th, Seattle, WA 98115, USA (telephone 206-524-4314).

World WeatherDisc contains seventeen meteorological datasets from the National Climatic Data Center and the National Center for Atmospheric Research. Covering climatic data for thousands of stations around the world, it includes data from Local Climatological Data, US Monthly Normals, and Climatography of the US Number 20.

Price of the World WeatherDisc CDROM and access software is \$295 plus shipping.

## AQUACULTURE LITERATURE II: A BIBLIOGRAPHY

National Agricultural Library has published PRACTICAL AQUACULTURE LITERATURE II: A BIBLIOGRAPHY. This annotated bibliography updates the first bibliography published in 1985. In 175 pages, this bibliography covers aquaculture by species and subject area and includes addresses of publication sources.

Copies are available by sending a request with a self-addressed mailing label to: *Aquaculture Information Center, National Agricultural Library, Room 304, ATTN: PAL, 10301 Baltimore Blvd, Beltsville, MD 20705, USA.*



## NEW DISKETTES AND COMPACT DISKS

A **COASTAL PROCESSES LITERATURE INVENTORY (CPLI)** database is available for free. CPLI covers 2300 coastal references for California and was produced in 1987; CPLI is also available in printed copy in two thick volumes. CPLI comes with its own search-only software (with very primitive search capabilities) and looks like a DBASE database. CPLI arrives on an IBM 1.2 megabyte floppy disk which one copies to hard disk and then uncompresses using supplied software. CPLI takes up 5 megabytes of disk space.

Contact: *US Army Corps of Engineers, Los Angeles District, Planning Division, Coastal Resources Branch, CESPL-PD-C, ATTN: CCSTWS Project Manager, PO Box 2711, Los Angeles CA 90053-2325 USA.*

For those wishing to utilize CPLI references differently, the CPLI database has been converted into a field-tagged ASCII file. The ASCII version of CPLI is split into Northern and Southern California sections and consumes approx 2.5 megabytes. If you want the ASCII version, send Peter nine IBM 5 1/4 360K disks or five IBM 3 1/2 720K disks or five Macintosh 800K disks. Contact: *Peter Brueggeman at Scripps Institution of Oceanography Library, UCSD C075C, La Jolla, CA 92093-0175 USA.*

The **NATURAL RESOURCES DATABASE (NRDB)** compact disk compiles over 45 bibliographic governmental databases into one standardized file. Component databases come from Pacific Coast Ecosystems, Smithsonian, Aquatic Plant Database, National Wetlands Research Center, Alaska Gas Pipeline Files, US Energy Research and Development Administration, US Dept of Energy, Canadian Resource family, Bureau of Land Management family, Natural Resource Expertise Database, etc. NRDB is updated every 6 months and costs \$495/year. Contact: *National Information Services Corp, 335 Paint Branch Dr, College Park, Maryland 20742, USA. Telephone (301)454-8040. Fax (301)454-8061.*

## BOWKER DATABASES ON CD-ROM

R.R. Bowker is producing a CD-ROM entitled **SCITECH REFERENCE PLUS (SRP)** for \$995 annual subscription (\$895 introductory price before 3/31/1990).

SRP merges five Bowker databases: science & technology books available in the US and Canada listed in Books In Print; science & technology periodicals published worldwide listed in Ulrich's International Periodicals Directory; over 125,000 US and Canadian scientists and engineers listed in American Men and Women of Science; over 11,000 US R&D laboratories listed in the Directory of American Research and Technology; and, over 30,000 US technology firms and subsidiaries from the Corporate Technology Directory (Corptech).

For more information, call 800-323-3288 or write *Bowker Electronic Publishing, 245 West 17th Street, New York, NY 10011 USA.*

## U.S. NATIONAL AGRICULTURAL TEXT DIGITIZING PROJECT ANNOUNCES AQUACULTURE COMPACT DISK

(summarized from *Agricultural Libraries Information Notes*, 15(6/7):14-15, June/July 1989)

In March, the U.S. National Agricultural Library (NAL) distributed its first national Agricultural Text Digitizing Project compact disk entitled **AQUACULTURE I (A1)** to 44 land-grant libraries participating in a cooperative project to test the use of optical scanning to capture full-text and images in digital form for CD-ROM publication.

The first of several pilot study disks, A1 will be evaluated for its content and ease of retrieval. A1 contains the text and page images of 62 selected aquaculture publications published by the US Government. Books, technical reports, bibliographies, leaflets, bulletins, and journal articles are included; they are not copyrighted and may be downloaded for personal use. A1 contains short bibliographic records and the full-text for each item; related information is linked, eg book chapters. MARC cataloging records are also available for each item.

The A1 database is searched with **TEXTWARE PLUS** from Unibase Systems. A1 is available only to the participating land-grant libraries and to a limited number of US government agencies. After several other pilot study disks are completed, a second aquaculture CD-ROM is planned for wide distribution.

For more information, contact *Judith Zidar, Operations Coordinator, NATDP, 5th Floor, National Agricultural Library, 10301 Baltimore Blvd, Beltsville, MD 20705 USA or telephone (301)344-3853.*

## CD-ROM PLAYERS

The Missouri Library Network Corp sells **Hitachi CD-ROM players** to libraries and education institutions. The new fast Hitachi 6000 external player costs \$625 and the 3600 internal drive version costs \$575. Hitachi 1503S external players cost \$590. Hitachi-player-only MSDOS Extension software costs \$22. Discounts are available

for purchases of 5 or more.

Address:

*Missouri Library Network  
10332 Old Olive St Rd  
St Louis, MO 63141 USA  
Telephone 800-444-8096  
Fax 314-567-3798.*

## Minutes of the IAMSLIC Business Meeting, October 4 & 6, 1989

**1. Minutes of the 1988 Business Meeting** - The minutes were adopted with no discussion or changes.

**2. Treasurer's report** - Sheila Baldridge announced one correction to the report; expenses for conference proceedings should read 1986 instead of 1988. There was no further discussion of the report.

**3. Results of the election** - Cecile Thiery announced the election results. A total of 128 ballots were mailed; 75 were returned. Kay Hale was elected Vice-President/President-Elect and Eleanor Uhlinger was elected secretary for a two year term.

### 4. Committee reports

- **Bylaws committee** - Eleanor Uhlinger presented a report on the changes to the bylaws that resulted from the Miami conference. All of the proposed changes were approved by ballot.
- **Subject analysis** - Jim Markham reported that the committee has been working on a comparison of terms in the ASFA Thesaurus to Library of Congress Subject Headings. Their goal is to have the ASFA terms not in LCSH adopted by the Library of Congress.
- **Document delivery** - Ruth Grundy reported on the proposal submitted to the U.S. Dept. of Education for a document delivery pilot project using telefacsimile. The project calls for seven net lending libraries and 21 net borrowing libraries. A subcommittee has been set up to investigate loan policies at the libraries named, with Peter Brueggeman as chair.
- **Membership** - Connie Cooke reported that French and Spanish versions of the brochure have been produced, along with a new version in English. Total membership is 203, as of August, 1989.
- **Union list of serials** - Susan Barrick discussed revision of the MUSSEL list. She would like to estimate what the cost of producing a new edition would be, and distributed a survey form to determine how many libraries want to be included and the amount of work needed to process their serial lists. Surveys should be returned to Susan, either at the conference or by mail.
- **Committee for international cooperation** - Tom Moritz reported on the work of the committee, including recruitment of members, participation in regional meetings, formation of a CDS-ISIS working group and continuing participation in pre-conference workshops. He noted that some of the agenda for CIC has not been accomplished, mainly because participation on a volunteer basis is not adequate.
- **Site Selection Committee** - Betty Sutherland reported that the committee has recommended a 3 year cycle for future conference sites, with 2 years in North America and 1 year off. Original plans called for the first non-North American meeting to be held in 1991, however, there is a good possibility that a joint meeting with the European librarians could be held in 1992. The consensus was to hold the 1991 meeting in Galveston, 1992 in Europe, and 1993 in North America. The committee will work on specific sites for 1992-1993.
- **Editorial committee** - Several recommendations were presented for future proceedings, including naming Elizabeth Fuseler-McDowell as editor for the 1990 proceedings, limiting the editorship to two years maximum, establishing an electronic mailbox for the proceedings editor (paid for by IAMSLIC), and establishing a standing committee for publications. It was moved and seconded that the Executive Board be directed to establish this committee; the motion passed.

### 5. New Business

- **Membership dues** - It was moved and seconded to raise the annual dues for personal members from US\$20.00 to US\$25.00, and for institutional members from US \$20.00 to US \$30.00 (includes the proceedings), effective 1990/91. It was pointed out that the difference in personal and institutional dues meant that institutions received the proceedings for US \$5.00. After discussion on this matter, it was moved and seconded that the annual dues for all categories be increased to US\$25.00, effective 1990/91. Motion carried.

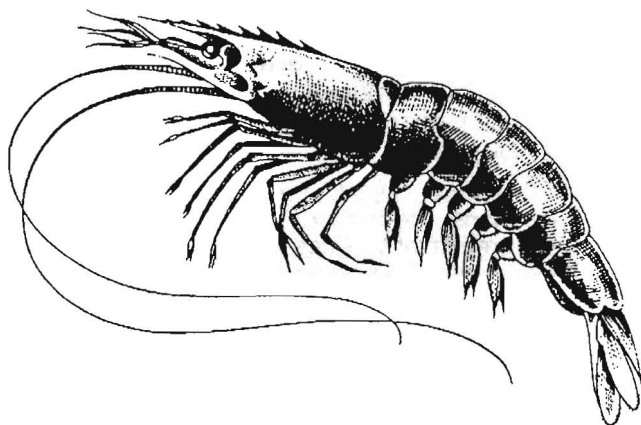
(continued on page seven)

(BUSINESS MEETING MINUTES ... Continued from page six)

- **Rules for edition of the proceedings** - Bob Burkhart discussed the situation as it exists for the present editor. There is no written procedure to follow, and there is a need for one. There is a problem with submission of a complete set of papers to the editor in a timely manner. Historically, the editor's institution has covered the cost of mailing the proceedings. There was general agreement that IAMSlic should be responsible for this cost. Several options for future proceedings were discussed. It was moved and seconded that the proceedings be published within 6 months of the annual conference and papers to be included be received within one month of the end of the conference. The motion passed. For this year, a deadline of February 1, 1990, was already set, and will still be honored.
- **Extending the scope of IAMSlic to include freshwater sciences** - Tom Moritz discussed this issue. Sheila Baldrige did an analysis of the US membership and found that approximately 40% is from institutions that are not exclusively marine. Tom presented a motion that the Executive Board appoint a working group to investigate the implications of expanding the scope of IAMSlic formally to include aquatic sciences, seconded. The motion carried.
- **Development of international activities** - Cecile reported on a meeting she had in June with IOC. Several cooperative activities were discussed, including preparation of a new directory of marine science libraries and information centers and development of document delivery services. IOC has also indicated that IAMSlic will receive an invitation to the Thirteenth session of the IOC Technical Committee on International Oceanographic Data and Information Exchange, to be held at the UN in New York, January 17-24, 1990. The Executive Board will select a representative to attend. It was suggested that a summary of a letter received from IOC should be published in the Newsletter.

In connection with international activities, there was a motion from Tom Moritz that the Executive Board be charged with the creation of a working group to explore fully and report back to the membership for publication in the December Newsletter, alternative strategies and associated costs of establishing a permanent IAMSlic "coordinator/manager" to take special responsibility for IAMSlic projects. The motion was seconded and carried.

The meeting adjourned at 12:00pm.



## POSITION OPEN

**LIBRARY DIRECTOR  
SCHOOL OF MARINE SCIENCE  
VIRGINIA INSTITUTE OF  
MARINE SCIENCE  
COLLEGE OF WILLIAM AND  
MARY**

The School of Marine Science conducts research and education in biological, geological, and physical oceanography, chemical toxicology, marine resource management and fisheries science, with special emphasis on estuaries.

The library collection has 40,000 volumes including 18,000 monographs and 3,000 journal titles. The library is a member of SOLINET, uses OCLC for cataloging and inter-library loan and is implementing the VTLS Integrated library system. Searching is offered for DIALOG and CAS, as well as ASFA on CD-ROM. Present staff is three professionals and two half-time students. The library functions as an autonomous but cooperative unit of the libraries of the College of William and Mary.

**Responsibilities:** Directing the administration and services of a marine research library. This includes collection development, supervision of staff, effective and close involvement with students, faculty, research staff, the community and other libraries.

**Required qualifications:** MLS from ALA-accredited school, administrative library experience, working knowledge of library automation and library applications using microcomputers.

**Preferred qualifications:** Science subject background.

Competitive salary with liberal fringe benefits; 12 month appointment. Applications must be received by 10 January 1990. Send letter of application, resume and at least three references (with telephone numbers) to:

Marine Science Librarian  
Search Committee  
School of Marine Science  
Virginia Institute of Marine Science  
The College of William and Mary  
Gloucester Point, VA 23062

The College of William and Mary is an Affirmative Action/Equal Opportunity Employer; women and minorities are encouraged to apply.



## IAMSLIC '90

ANNUAL CONFERENCE

Seattle, Washington U.S.A. - October 1 - 5, 1990

### BREAKING DOWN BARRIERS TO THE FREE FLOW OF MARINE SCIENCE INFORMATION

Since the world news these days is full of political barriers tumbling down, I think it would be interesting for IAMSLIC to consider some of the existing "walls" in our context. For instance, we have **financial barriers**: rising costs of materials, increased ILL charges, budget restrictions, currency problems. We have **technological barriers**: computers that don't yet talk to one another, communications systems that are obsolete in many countries. There are **political barriers**: ever try to get a "classified" report on sharks published by the U.S. Navy in the 1940's?; How about our colleagues in South Africa who cannot purchase directly from some commercial informa-

tion vendors? We have bibliographic barriers: most of the "grey" literature lacks bibliographic control; subject headings are not current; our indexing/abstracting services often omit whole chunks of the literature or their policies on selectivity are narrower than we'd like. There are **natural barriers**: earthquakes, fire, hurricanes, paper that crumbles because of age and/or chemistry. Is it a **social barrier** if the one-librarian-library must restrict interlibrary loans because other priorities are more pressing? Many countries have **cultural barriers**: collections are still locked up or accessible to only the institutional elite.

There are many barriers.

What are some of your frustrations and how can we combat them?

The official call for conference papers will be mailed after the New Year. If anyone wishes to plan a complete session and arrange for speakers, please let me know. Also, if giving a paper or moderating a session is a necessity for travel funding, let me know.

I can be reached by phone (305-361-4021), fax (305-361-9306), Omnet/ScienceNet (RSMAS.LIBRARY) or mail (4600 Rickenbacker Causeway, Miami, Florida 33149 USA).

Kay Hale

### Information Update for SCIENCEnet Subscribers

Marine librarians are some of the most spirited and creative SCIENCEnet subscribers. With the hope of keeping IAMSLIC up to date about developments on SCIENCEnet, we would like to share the following information with you.

The IAMSLIC bulletin board, created over two years ago, continues to serve both the executive board and general membership of IAMSLIC. Messages posted to the board help people plan meetings, conduct interlibrary loans, troubleshoot CD-ROM applications and keep the community apprised of timely events. If you work at an institution that only has a general mailbox which must be shared by the whole staff, make sure it is set to monitor the IAMSLIC bulletin board. (To do this, simply write to the Omnet.Service mailbox).

Thanks to the handiness of Peter Brueggeman at Scripps, IAMSLIC members can now access a wide range of library catalogs from their mailboxes. Catalogs accessible via the "GOTO" command include: the University of California's (including Scripps) MELVYL, NOAA Sea Grant's database of publications, the Colorado Academic Research Libraries network (CARL), Boston University, the University of Delaware, the University of Maryland, Pennsylvania State University, Rennselaer Polytechnic Institute, the Triangle Research Libraries Network (North Carolina academic

libraries) and Virginia Tech.

Another new service we've added is SciSearch, the index to international scientific journals. SciSearch corresponds to the printed "Science Citation Index" and contains additional records from the "Current Contents" series of publications.

For institutions that don't yet provide a separate mailbox for the library, Omnet offers the "Accomplice Listing." This service allows subscribers to list many different people who might be "sharing" a single mailbox. The mailbox must have a personal name. For instance, if you share Joe Smith's mailbox now, you can have YOUR name listed in the SCIENCEnet directory as well. Where the mailbox name would ordinarily appear, the reader sees the words, USE J.SMITH. You can even list your library as an "accomplice."

Omnet values its relationship with marine science librarians. We continually look for new ways to extend our breadth of services and value your suggestions. We look forward to serving you!

Our electronic mail address is [Omnet.Service/Omnet] MAIL/USA (on US Sprint's Telemail,) and our hardcopy address is: 137 Tonawanda Street, Boston, MA 02124 (phone 617-265-9239).

## FISHERIES BIBLIOGRAPHIES

Ross Thrasher of the Pacific Marine Resources Information System (PIMRIS) mentioned a series of fisheries bibliographies in the paper he presented at the conference in Bermuda. These bibliographies have been produced by the FAO/UNDP Regional Fishery Support Programme. They are listed below and can be ordered from the address that follows:

- Gillett, R. (1987). Solomon Islands Fisheries Bibliography. FAO/UNDP Regional Fishery Support Programme, Document 87/1, 60 pages.
- Izumi, M. (1987). Summary Translations of Trochus Research from South Seas Fisheries News, 1937-1939. FAO/UNDP Regional Fishery Support Programme, Document 87/2, 28 pages.
- Gillett, R. (1987). Hawaiian-Style Decapтерus Fishing Trials in Niue. FAO/UNDP Regional Fishery Support Programme, Document 87/4, 24 pages.
- Gulbrandsen, O. and M. Savins (1987). Artisanal Fishing Craft of the Pacific Islands. FAO/UNDP Regional Fishery Support Programme, Document 87/5, 70 pages.
- Gillett, R. and D. Sua (1987). Western Samoa Fisheries Bibliography. FAO/UNDP Regional Fishery Support Programme, Document 87/6, 90 pages.
- Gillett, R. and D. Kenneth (1987). Vanuatu Fisheries Bibliography. FAO/UNDP Regional Fishery Support Programme, Document 87/7, 76 pages.
- Gillett, R., S. Zirkel, and S. Langi (1988). Tonga Fisheries Bibliography. FAO/UNDP Regional Fishery Support Programme, Document 88/1, 82 pages.
- Izumi, I. (1988). Palau Marine Resources Bibliography. FAO/UNDP Regional Fishery Support Programme, Document 88/2, 245 pages.
- Gillett, R. (1988). Tokelau and Tuvalu - An Atoll Fisheries Bibliography. FAO/UNDP Regional Fishery Support Programme, Document 88/4, 72 pages.
- Toloa, F. and R. Gillett (1989). Ko Te Fakamaumauga O Na Poto Fakateaganuku I Na Faiva-A-Moana I Tokelau. FAO/UNDP Regional Fishery Support Programme, Document 89/1, 44 pages.
- Gillett, R. and T. Tearii (1989). Cook Islands Fisheries Bibliography. FAO/UNDP Regional Fishery Support Programme, Document 89/2, 82 pages.
- Gillett, R. (1989). Addresses Useful to Pacific Islands Fishery Personnel. FAO/UNDP Regional Fishery Support Programme, Document 89/3, 64 pages.

All items on this list are available from:

FAO/UNDP Regional Fishery Support Programme  
UNDP Private Mail Bag  
Suva, Fiji

US \$1.00 per volume for surface mail  
US \$4.00 per volume for air mail

### TREASURER'S RE-ENTRY IN TO THE WORLD

(Editor's note: The Moss Landing Marine Laboratory was very heavily damaged in the California earthquake in October).

**GREETINGS TO ALL. I AM BACK ONLINE - IN A NUMBER OF WAYS INCLUDING MY HEAD! THE LIBRARY IS UP AND RUNNING WITH ONLY A FEW OF THE LESS USED JOURNALS IN STORAGE. WE ARE LOCATED TEMPORARILY AT THE SAN JOSE STATE EXTENSION CAMPUS IN SALINAS BUT WILL MOVE SOMETIME AFTER JANUARY IN TO "RELOCATEABLE" BUILDINGS ON A VACANT LOT NEXT DOOR. THERE WE WILL STAY UNTIL A NEW LAB IS BUILT. CLASSES ARE IN SESSION, THE DIVE PROGRAM IS WORKING AND THE SHIPS ARE**

**OPERATING. WE WILL HAVE SEAWATER LABS IN TRAILERS ON THE OLD SITE AT MLML. NO ONE WAS HURT EXCEPT OUR BELOVED LAB. ITSELF, BUT WE PLAN TO RISE AGAIN AS SOON AS POSSIBLE. THE MAILING ADDRESS IS THE SAME; PHYSICAL LOCATION IS AT 893 BLANCO CIRCLE, SALINAS 93901. TELEPHONE 408-753-1277. FAX 408-753-2826.**

**SHEILA BALDRIDGE**

## Report of the Membership Chairman

October 1989

New supplies of the membership brochure in French and Spanish are now available from:

Cuineas Boyle  
Dept. of Fisheries and Oceans  
200 Kent Street  
Ottawa, Ontario K1A 0E6 Canada  
E-mail: C.BOYLE

A prototype of the new membership brochure in English is being put together by the University of Connecticut Sea Grant Office and will be available shortly. Those wishing a supply of the new brochure should send their requests to Connie Cooke at:

Library, University of Connecticut at Avery Point  
Groton, Connecticut 06340  
E-mail: E.MONAHAN (Attn: Connie Cooke)

It was decided by the Executive Board that the insert with the list of Officers, etc. will no longer be included in the brochure. If anybody feels that they would like to include this list themselves, I would gladly furnish a copy if it meets with the approval of the Executive Board and if Betty Sutherland is willing to supply an updated copy for my files.

The membership Committee would also like to take this opportunity to express their desire to work actively with the International Cooperation Committee to develop a program that would allow libraries in underdeveloped countries to become members of IAMS LIC.

### Two suggestions:

- 1. Set aside a portion of money that could be used as grant money for libraries needing subsidies (as suggested in various communications among IAMS LIC members)
- 2. Establish a "buddy" system, whereby an existing member could sponsor another library for a designated amount added to their personal dues.

**Connie Cooke**  
**Membership Chairman**

### IAMS LIC CONFERENCE GROUP PHOTOGRAPHS

If anyone is interested in buying a copy of the official IAMS LIC group photograph, they are now available. The photo is 5"x 7", black and white, and costs \$5, which includes packing and postage. Please make cheques (in US dollars) out to BBSR, and send them to me, and I will send your photos as soon as possible.

Fran Chatterjee  
Bermuda Biological Station  
for Research  
Ferry Reach GE 01  
Bermuda



## SUGGESTIONS FOR HELPING NEW MEMBERS IN DEVELOPING COUNTRIES

Many institutions in developing countries have either a problem getting US currency or simply cannot obtain funding for membership. At the Bermuda meeting, the Executive asked me to write up the suggestions we had discussed so the membership could respond.

- 1. The "Adopt a country" or "Twinning" plan where a present member would choose an institution in a developing country and pay their dues for them. A list of institutions could be supplied or the member could choose on their own.
- 2. A line for a donation could be added to the membership renewal forms. This money could be the basis for a fund to give membership grants to institutions in need.
- 3. A member's own institution may be willing to subsidize another institution. This was suggested by my boss who thought it would be a viable way to help out especially in view of IAMS LIC's reasonable dues schedule.

If there is a plan here that appeals to a lot of us or another suggestion that might help please contact someone on the Executive or *Connie Cooke, Membership Chairman, University of Connecticut at Avery Point, Groton, Connecticut 06340 USA or E-Mail E. Monahan (Omnet).*



# Meeting of the Librarians at Marine Research Institutes

Northern West Germany

26 October 1989

Biologische Anstalt Helgoland, Hamburg

## Participants:

Ms. Schritt, Biologische Anstalt Helgoland (BAH), Hamburg  
 Ms. Sysoew, Biologische Anstalt Helgoland (BAH), Hamburg  
 Ms. Ritter, Bundesforschungsanstalt fuer Fischerei (BFA), Hamburg  
 Ms. Voss, Alfred Wegener Institut (AWI), Bremerhaven  
 Mr. Gomez, Alfred Wegener Institut (AWI), Bremerhaven  
 Ms. Heinrich, Deutsches Hydrographisches Institut (DHI), Hamburg  
 Ms. Lueck, Deutsches Hydrographisches Institut (DHI), Hamburg  
 Ms. Schmidt, Forschungszentrum fuer Marine Geowissenschaften (GEOMAR), Kiel  
 Ms. Glimmann, Institut fuer Meereskunde Kiel (IfM), Kiel  
 Ms. Wollweber, Institut fuer Meereskunde Kiel (IfM), Kiel  
 Ms. Michold, Institut fuer Hydrobiologie und Fischereiwissenschaft (IHF), Hamburg

Introductions were made and we exchanged library statistics and services information.

## Collections

<b>AWI</b>	70,000 volumes	1,030 current periodical titles
	11,000 monographs	18% subscription
	30,000 serials	83% exchange
	30,000 reprints	
<b>BAH</b>	109,000 volumes	625 current periodical titles
		33% subscription
		current 67% exchange
<b>BFA</b>	59,000 volumes	980 current periodical titles
		current 10% subscription
		current 90% exchange
<b>DHI</b>	124,000 volumes	1,500 current periodical titles
		25% subscription
		755 exchange
<b>GEOMAR</b>	800 volumes	60 current periodical titles
		100% subscription
<b>IfM</b>	49,000 volumes	380 current periodical titles
	10,000 monographs	33% subscription
	19,000 serials	67% exchange
	20,000 reprints	
<b>IHF</b>	60,000 volumes	360 current periodical titles
	15,000 monographs	30% subscription
	+ serials	70% exchange
	45,000 reprints	

AWI, GEOMAR, and IfM have microcomputer based library systems and only AWI, BFA, and IfM offer online searching.

(continued on page twelve)

(MARINE RESEARCH LIBRARIANS, WEST GERMANY ... continued from page 11)

Ms. Schritt reported the planned opening of a new institute for marine and climate research at the University of Hamburg.

Mr. Gomez described some of the high points of the IAMSILIC Bermuda conference this year, and in particular, the growing importance of IAMSILIC as a representative to future FAO and IOC meetings. One possible role for IAMSILIC could be to contract the execution of such projects as the publication of a new edition of the "International Directory of Marine Scientists".

The possibilities of an IAMSILIC meeting in Europe were discussed. The attending librarians thought that a meeting in Bremerhaven for 1992 would be no problem for them to attend although a meeting held in another European country would mean no availability of travel money. All those attending the Hamburg meeting had received the EURASILIC Newsletter and the call to attend the 26-27 April Paris meeting. The attempt will be made by as many librarians as possible from West German marine research institutes to attend the Paris meeting. Once again it is not expected that many librarians will be given travel funds for this trip. The costs for group travel prices from Hamburg to Paris were explored so that private expenditures could be kept to a minimum.

EURASILIC is not a formal organization, and the West German librarians questioned the merits of two competing international organizations for marine research libraries.

The attendees discussed Interlibrary loan between the libraries. Better ways of co-operation were considered. Mr. Gomez mentioned his experience with international interlibrary lending using Omnet/ScienceNet and the IAMSILIC Bulletin Board. He offered to be a clearing house for ILL items difficult or impossible to obtain within West Germany for those libraries at the moment without E-mail capabilities.

Ms. Schritt proposed a union list of serials held by the libraries of the attending librarians. Mr. Gomez volunteered to explore the amount of effort necessary to produce a catalog if machine readable records could be supplied by the libraries to be covered. This task is to be discussed further at the next meeting.

The automation of the various libraries was discussed. Ms. Ritter told how the BFA favored the implementation of CDS-ISIS, but it was not presently being implemented in the library as they did not even have a microcomputer. Ms. Schmidt at GEOMAR has just started working with a microcomputer system from DABIS. Both Mr. Gomez (AWI) and Ms. Glimmann use the same library system implementing Personal Library Software and the relational database DATAEASE. Ms. Heinrich said that the DHI would be testing TECHLIB on its mainframe, a Cyber computer.

## THE CLIMATE AND HEALTH IMPLICATIONS OF BUBBLE-MEDIATED SEA-AIR EXCHANGE

Editors: Edward C. Monahan and Margaret A. Van Patten

Proceedings of an international symposium by the same title held at the University of Connecticut at Avery Point, Groton, Connecticut on October 7-9, 1988, sponsored by the Connecticut Sea Grant College (Publication CT-SG-89-06)

Price: US \$ 12.50

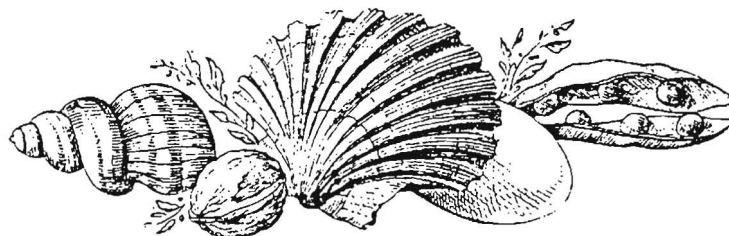
Send orders to:

Ms. Van Patten

Sea Grant

University of Connecticut at Avery Point

Groton, CT 06340



## NETWORK ACCESS TO CD-ROM

Detailed information regarding network access to CD-ROMs is hard to get. Most of the product literature and the library literature address the topic generally. Decision makers need more detailed comparative information. Several recent articles discussed the price and performance of specific CD-ROM LAN solutions; these articles are mandatory reading for those considering network access.

Ennis, Martin G. "CD-ROM on LAN", CD-ROM ENDUSER 1(1):59-61, March 1989.

Leggott, Mark. "LANs and CD-ROMs", OCLC MICRO 5(4):18-19&22, August 1989.

Watson, Bradley and Jon Fausey. "Relative performance of three CD-ROM network access products", OCLC MICRO 5(4):20-21, August 1989.

## FISHERIES INFORMATION IN AFRICA

A new association of fisheries information specialists is being formed in Africa.

A meeting on fisheries information and documentation was held in Dakar from 5 to 7 June 1989. It was organized by IDRC, Ottawa; ICOD, Halifax; CTA, Wageningen (NL). Representatives from the following countries attended the meeting: Cameroon, Cape-Verde, Ghana, Ivory Coast, Mauritania, Morocco, Nigeria, Senegal, Togo.

The meeting gathered information specialists as well as vendors and users. Its objectives were the following:

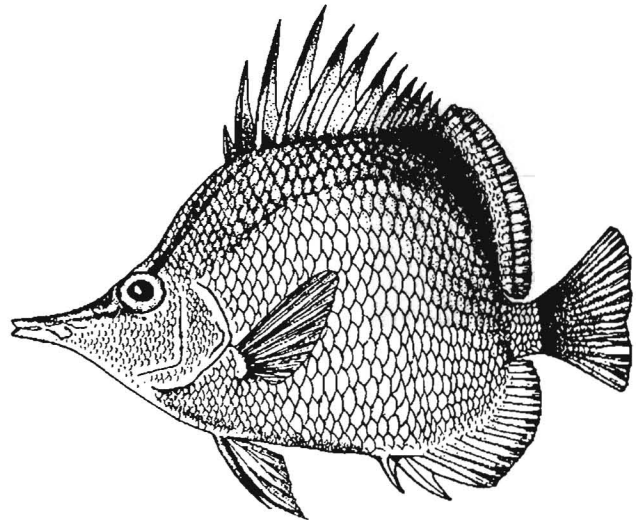
- (1) Identify users needs and how these needs are currently met.
- (2) Identify information services existing in countries of the region.
- (3) Identify information sources available at regional or world levels.
- (4) Identify hindrances to information dissemination and action to be taken to remove these obstacles.

The main problems encountered were identified: lack of qualified personnel, lack of money, incompatibility of hardware and software available, difficulties with the acquisition and distribution of the documents. The special working group formed by the librarians and the documentation specialists made the following recommendations:

- (1) Alert decision makers on the importance of an information service, and define the needs.
- (2) Improve the professional training, recognizing that knowledge of the French and English languages is needed.
- (3) Provide the information centers, not yet equipped, with compatible hardware and software (IBM compatible, or CDS/ISIS, or dbase III+ softwares...)
- (4) Create an association of fisheries information specialists which will promote regular professional meetings in the area, and prepare an inventory of the existing sources of information on fisheries.
- (5) Each organization will send to 'infopeche' the references of its recent publications, so that this information will be widely distributed.
- (6) Create a network with focal points in order to improve exchanges between the countries.

Presently the association is being formed under the coordination of Mr. Florent Diouf of the Centre De Recherche Oceanographiques De Dakar-Thiaboye, Senegal. It will be non-profit. Its scope of interest is both marine and continental fisheries. The countries represented are, for the time being, mainly from western and central Africa, but there is no geographical limitation to the coverage, and all types of institutions interested in fisheries, from any country in Africa, are welcome to participate. Its main objective is to promote cooperation and resource sharing among African libraries and documentation centers and to improve access to primary documents.

Mr. Florent Diouf is now a member of IAMSLIC and has expressed hopes that cooperation between this new association and IAMSLIC will develop in the future.





## IIAMSII MEMBER UPDATE

**Natalie Wiest**, Director of the Williams Library, Texas A & M University at Galveston, has received a grant of \$135,000 from the Galveston Bay National Estuary Program (GBNEP) to produce a Galveston Bay Bibliography and to establish a Galveston Bay Information Center. GBNEP is funded through the National Estuary Program established by the Water Quality Act of 1987.

The Texas A & M University at Galveston has matched GBNEP with an additional \$100,000 to allow the Information Center to have a local area network that will contain not only the machine searchable Bibliography, but also an interactive Galveston Bay Circulation Model, an inventory of databases of numerical data dealing with Galveston Bay, COMPAS (NOAA's Coastal Ocean Management, Planning and Assessment System), and the public access catalog of Williams library. The local area network will be available for remote access.

A draft of the Bibliography is due by June 1, 1990. The Bibliography is being developed with hypercard technology.

**Cecile Thlery**, Musée Oceanographique, Monaco has new telephone numbers:

93 15 36 00

Fax: 93 50 52 97

**Michael Gomez**, Alfred Wegener Institut, West Germany may now be reached via Bitnet as well as Scienenet.

The address is  
GOMEZ@VAX.AWI-BERMERHAVEN.DBP.DE.

**Bob Burkhardt**, our proceedings editor, can now be reached on e-mail. His Scienenet mailbox is R.BURKHART. Participants in the Bermuda Conference are requested to scan the list of participants to verify that your name is on the list and that the address is correct. Attendees will be sent copies of the proceedings based on this list, so be sure to send Bob any corrections.

All 1988 conference attendees were mailed a copy of the Proceedings during October. If you have not received your copy, contact Bob.

**Ilene Zaleski**, formerly Assistant Director of the North Miami Public Library, was appointed by Laubach Literacy Action to the position of Trainer Consultant in Literacy for the State of Florida. She is the only librarian to hold this position.

## Australian Publications of Interest

**Moran, P.J.** The acanthaster phenomenon. Townsville, Queensland, Australian Institute of Marine Science, 1988. (Monograph Series/Australian Institute of Marine Science, v.7) 178p. ISBN 0 642 13250 X

Consists of a reprint of the review article published in

Oceanography and Marine Biology; An Annual Review 24 : 379-480, 1986, together with a full bibliography, updated and annotated, and a subject index.

Price: Aust.\$10.00, plus postage: Aust.\$8.60 sea mail, or Aust.\$17.50 air mail

**Watson, M. and J. Baker.** Developments in Australian Marine Science and Technology. Townsville, Queensland, Australian Institute of Marine Science, 1988. (Monograph Series/Australian Institute of Marine Science, v.8) 90p. ISBN 0 642 14100 2

Describes the evolution, direction and current status of Australia's commitment to, and involvement in, marine science and technology.

Price: Aust.\$8.00, plus postage: Aust.\$3.00 sea mail, or Aust.\$8.00 air mail.

Copies may be ordered from the Librarian, Australian Institute of Marine Science, P.M.B. NO.3, Townsville M.C., QLD.4810, AUSTRALIA. Fax No. 61-77-725852.

**Australian Marine Research in Progress 1988.** 865p. ISSN 0727-677X

A hard-copy version of the on-line database mounted by a consortium of Australian research and Management agencies: The Australian Institute of Marine Science, the Great Barrier Reef Marine Park Authority, the Commonwealth Scientific and Industrial Research Organization, and the Victorian Institute of Marine Science.

Describes approximately 1200 research projects and is indexed by subject, taxonomic name, organization, investigator and geographic location.

Price: Aust.\$35.00 sea mail or Aust.\$49.00 air mail.

Available from Publications Officer, Victorian Institute of Marine Science, 14 Parliament Place, East Melbourne, Vic.3002, Australia. Fax No. 61-3-6511702.

Inara Bush

Australian Institute of Marine Science.

Due to the volume of news, the newsletter will be published four times a year, instead of three, beginning in 1990. The next issue will be mailed in March.

Deadline for newsletter submissions  
February 23, 1990

## Freshwater Institute CD-ROM Workstation Setup

*Lauraine Newell*

*Freshwater Institute Library, Winnipeg, Canada*

This note briefly described the CD-ROM workstation (an IBM XT clone with an Hitachi external CD-ROM drive) in the Freshwater Institute Library. It concentrates on three key features: a menu; a timer-log; and a screensaver.

**MENU** - I had six CD-ROM packages (ASFA, OCLC Environment, CCINFOdisc, University of Guelph Catalogue, SWRA and Termium) plus Current Contents on Diskette in use on the workstation. In order to simplify use I set up a menu which lists each available package and instructs the user to select a number corresponding to their choice (e.g. type 1 and enter to get ASFA). The menu is contained in a file called memu.txt which resides on the hard drive. A three-line batch file (menu.bat) causes the menu to be displayed. By including the command MENU at the end of the autoexec.bat the menu is automatically displayed each time the computer is booted.

I wrote short batch files, named 1.bat, 2.bat, etc. that correspond to each choice in the menu. The batch file tells the user to put in the appropriate CD (lines 3,4), starts and stops the time (lines 5,6 and 9,10), starts the search software package (lines 7,8), and returns to the opening menu when the user exits the program (lines 11,12). You do not need all of the change directory (cd) commands if you include the Norton and CSA subdirectories in the path command in your autoexec.bat. This menu obviates the need for the user to remember which sub-directory to go to or what command to use to start the program; this is taken care of by the batch file. We have found the menu to be very

handy, especially as each package resides in a different sub-directory.

### 1.BAT

1. echo off
2. cls
3. echo PLACE ASFA CD IN DRIVE
4. pause
5. cd\ Norton
6. tm start
7. cd\ CSA
8. cca
9. cd\ Norton
10. tm stop ASFA /1/log>ASFA.log
11. cd\
12. menu

**TIMER** - I used Norton Utilities Time Mark for logging computer usage. This was described in detail by Peter Bruegemann in IAMSlic Newsletter No.31 (April 1989). I set up log files for each package. If the program startup command (e.g. CCA for ASFA) calls up an exec file the timer was incorporated into the batch file that I wrote (ASFA, Current Contents on Diskette, and the University of Guelph SearchMe). If the command calls up a batch file written by the vendor (e.g. CCINFO calls up CCINFO.bat) then I had to include the timer start and stop commands in the company's batch file CCINFO, SWRA, & OCLC). Each time a package is used the date and elapsed time are recorded in the appropriate log file. At the end of each month I print and then delete each log file. One limitation of this system is that if a user does not exit the program then the recorded search time is greater than the true search time.

**SCREEN SAVER** - The final feature is a screen saver. This is a simple program that resides on the hard drive and runs each time the computer is booted. If the computer is inactive the screen display shuts off. The default time is ten minutes; how-

ever any number of minutes between one and ten may be used. We have set ours for five minutes. Some people have encountered problems using the screen saver with Lotus but it does not seem to cause any problems with our search software. The program prevents any burnout of the screen which might result from the display of the menu.

**CAVEATS** - I encountered some configuration problems when trying to run several CD-ROM programs on the one machine. Depending on which programs you have, you may have to experiment with the number of buffers in the config.sys. If there are too few then ASFA will not run and if there are too many SearchMe will not run. I found that buffers=13 allowed everything to run. TERMIUM (a Canadian linguistic database) posed a few problems. With our version (October 1988) the CD needs to be in the drive when the computer is booted, which is tiresome. As this package is used infrequently I set up the menu and batch file so that the computer is rebooted and reconfigured before and after using TERMIUM. The alternative would be to put the TERMIUM CD in the drive each time the computer is started up.

\* I set this system up when I was doing a work term at the Freshwater Institute Library. Any questions can be directed to me at:

School of Library and Information Science  
University of Western Ontario  
London, Ontario  
Canada, N6G 1H1.

# GEOPHYSICS OF NORTH AMERICA

## Compact Disc with Access Software

The Geophysics of North America compact disc is now available from the NOAA National Geophysical Data Center, Boulder, Colorado. For more than a decade, scientists, their professional societies, and their governments have been working toward a consolidated collection of land and marine geophysical data for North America. Much of this important work was collected under the auspices of the Geological Society of America's Decade of North American Geology - including magnetics, gravity, earthquake seismology, heat flow, and stress data. Satellite imagery data (e.g. vegetation index), topography, and additional grids of magnetics and gravity are also included in this compilation. Most of the data sets included on the CD-ROM cover the Northern Hemisphere from approximately the Prime Meridian to the International Date Line.

### The data types, grid and coverages include:

<b>Topography:</b>	Average elevations & bathymetry	30-sec	United States
		5-min	North America
<b>Gravity:</b>	Bouguer (land) & free-air (marine) anomalies	4-km	United States
		6-km*	North America
	Isostatic anomalies	4-km*	United States
<b>Magnetics:</b>	Satellite-derived anomalies	2-deg	North America
		(up to 50 deg. N)	
	Airborne & ship-derived anomalies	2-km*	North America
<b>Imagery:</b>	Satellite-derived images (AVHRR, 1986)	10-min	North America
<b>Seismicity:</b>	Earthquake events (1534-1985)		North America
<b>Stress:</b>	Crustal stress		North America
<b>Thermal:</b>	Thermal aspects		North America

\* Also available as 2.5-min gridded data

This product is designed to work on an IBM PC/AT-compatible machine with EGA color graphics. Access software, furnished on floppy diskettes, provides facilities to view the data and select portions for output to hard disk. A tutorial on the access software is also provided. The software includes many useful features:

- Access software with pop up window menus and on line help facilities provides user friendly retrieval.
- Graphical browse facilities let you view data as images with geographical references as overlays. Data values at any location can be displayed.
- A palette painting facility lets you customize color representations of the gridded data. This facility also provides a data distribution plot for the area of your choice.
- Geophysical data can be presented as contours and points overlain on background images. Many overlays can be stacked as the user builds one's own view.
- Data profile plots can be generated along any line defined by the user. The high, low, and end point values are labeled; the zero datum line is displayed.

The complete Geophysics of North America Data Set is available for \$580 plus \$10 handling charge (\$20 non U.S.). The Data Set includes a CD-ROM, user's manual and access software. A demonstration diskette (high density) is available at no charge. You will need an EGA color monitor and an IBM compatible personal computer.

Please direct telephone inquiries to Allen Hittelman at (303) 497 6591 (Telex: 592811 NOAA MASC BDR; Fax: (303) 497 6513; OMNET: NGDC.WDCA.BLDR).

National Geophysical Data Center  
NOAA, Code E/GC1; Dept. 808  
325 Broadway  
Boulder, CO 80303 USA



### MUSSEL SURVEY

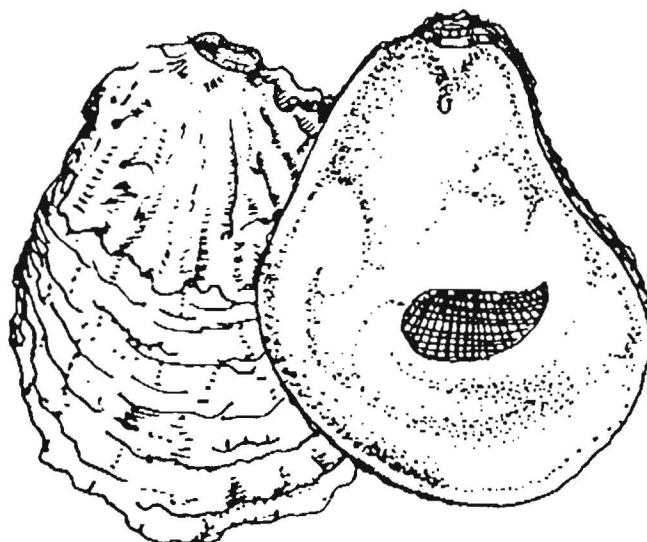
As many of you probably know already, I have been investigating the feasibility of updating MUSSEL (Marine Science Serials List). Enclosed with this newsletter is a questionnaire soliciting information and ideas from you regarding your library's serials holdings and your ideas concerning the MUSSEL update. (To those of you who were in Bermuda, this questionnaire will closely resemble the one you received at the conference, but which, except for 16 kind souls, you have not yet returned to me.)

I urge you to please complete your questionnaire as soon as possible. I need to determine both the estimated cost of and demand for updating MUSSEL. I am especially interested in your views on the value of a revision. In discussions I've had with some of you, some alternatives to MUSSEL have been suggested. For example: We may want to work with existing regional union lists or start a library adoption program where libraries with good serials locating resources would locate material for their adopted library. Other ideas?

Send your forms with comments by January 10, 1990. Even if you've already sent in your survey but have some further thoughts about MUSSEL, please contact me. I will prepare a report on the survey for the next issue of the newsletter. Thanks.

Susan Barrick  
VIMS Library  
Gloucester Point, VA. 23062  
USA

Phone: (804) 642-7114  
FAX: (804) 642-7113  
OMNET/SCIENCENET:  
VIMS (Attn: Library)



### REPORT ON MUSSEL - IAMS LIC 1989

MUSSEL - A Union List of Serials in Marine Science was compiled by VIMS librarians with funding from the Virginia Sea Grant Program. Published in 1985, MUSSEL listed the serial holdings of 55 marine libraries in Bermuda, Canada, and the U.S. It contained 21 microfiche plus a printed directory of the participating libraries and a guide to their interlibrary loan policies.

For the past two years we have been exploring funding sources and better technological capabilities to revise MUSSEL. Virginia Sea Grant offered the possibility of funding from their contingent budget, however, I received a letter last month stating they couldn't support the revision.

We considered a plan of adding our marine serials to a U.S. National Agriculture Serials project that already included aquaculture titles. For supporting someone to add the marine titles, we would have the advantage of their very fine computer technology and be able to publish a separate marine serials list. As it turned out, the Agriculture Library lost some funding on its project and had elected to not include holdings information.

Back in 1987, IAMS LIC agreed to provide \$5,000 towards revising MUSSEL. So this year, bolstered by the idea that this is something we

really need, I stopped looking around and started to work on getting it done at VIMS.

The plan is to again match each library's holdings against Scripps Library's Marc serials tape. VIMS computer data manager is already working with the Scripps tape.

We should add many more libraries to MUSSEL. Pauline Simpson has sent the U.K. Marine Science Serial Holdings on a disk, and each U.K. library will be included. We will be working with Linda on ICLARM'S Serial List. She has sent a draft hard copy to help us get started.

I have survey forms for all of you to complete. They will provide necessary information in planning the project. Survey forms will be sent to all IAMS LIC libraries not represented at the conference.

Finally, the money. Five thousand dollars will not complete the revision. However, we are started and will be creating a valuable product. Perhaps the board or a funding committee could work this coming year to obtain more support for MUSSEL.

**Susan Barrick**